

Product datasheet for **TP314077L**

MTMR12 (NM_001040446) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human myotubularin related protein 12 (MTMR12), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC214077 representing NM_001040446 Red =Cloning site Green =Tags(s)

MLGKGVGGGGGKAPKPSFVSYVRPEEIHNTNEKEVTEKEVTLHLLPGEQLLCEASTVLKYVQEDSCQHG
VYGRVCTDFKIAFLGDDESALDNDQFKNKQVIGENDITLHCVDQIYGVFDEKKKTLFGQLKKYPEKLI
IHCKDLRVFQFCLRYTKEEEVKRIVSGIIHHTQAPKLLKRLFLFSYATAAQNNVTDPKNHTVMFDTLKD
WCWELERTKGNMKYKAVSVNEGKVCERLPAYFVPTPLPEENVQRFQGHGPIWCWSCHNGSALLKM
SA
LPKEQDDGILQIQKSFLDGIYKTIHRPPYEIVKTEDLSSNFLSLQEIQTAYSFKQLFLIDNSTEFWDTD
IKWFSLLESSWLDIRRCLKKAIEITECMEAQNMNVLLLEENASDLCLLISSLVQLMMDPHCRTRIGFQ
SLIQKEWVMGGHCFDRCNHLRQNDKEEVPVFLFLDCVWQLVHQHPPAFEFETETYLTVLSDSLYIPIFS
TFFNSPHQKDTNMGREGQDTQSKPLNLLTVWDWSVQFEPKAQTLLKNPLYVEKPKLDKGQRKGMRFK
HQ
RQLSLPLTQSKSSPKRGFFRETDHLIKNLLGKRISKLINSSDELQDNFREFYDSWHSKSTDYHGLLLPH
IEGPEIKVWAQRYLRWIPEAQILGGGQVATLSKLLEMMEEVQSLQEIDERHHSQQAPQAEAPCLLRNSA
RLSSLFPFALLQRHSSKPVLPSTSGWKALGDEDDLAKREDEFVDLGDV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	86 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.



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Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_001035536](#)

Locus ID: 54545

UniProt ID: [Q9C0I1](#)

RefSeq Size: 5187

Cytogenetics: 5p13.3

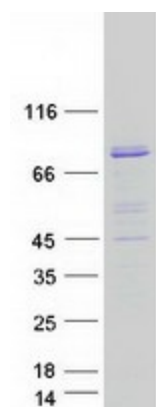
RefSeq ORF: 2241

Synonyms: 3-PAP; PIP3AP

Summary: Phosphatidylinositide 3-kinase-derived membrane-anchored phosphatidylinositides, such as phosphatidylinositol 3-phosphate (PtdIns(3)P), regulate diverse cellular processes. The protein encoded by this gene functions as an adaptor subunit in a complex with an active PtdIns(3)P 3-phosphatase. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jun 2014]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified MTMR12 protein (Cat# [TP314077]). The protein was produced from HEK293T cells transfected with MTMR12 cDNA clone (Cat# [RC214077]) using MegaTran 2.0 (Cat# [TT210002]).